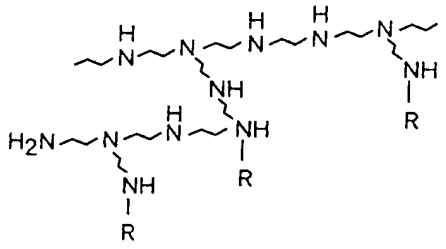
In the Claims:

1. – 50. (Cancelled)

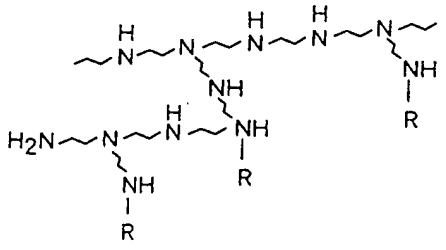
51. (Currently Amended) A composition comprising a polyethylenimine or a salt thereof, wherein said polyethylenimine has a repeat unit represented by formula (V), and the average molecular weight of said polyethylenimine is about 600 Da:



(V)

wherein R represents hydrogen or a hydrophobic group selected from $C_{10}H_{21}$, $C_{12}H_{25}$, $C_{14}H_{29}$, $C_{16}H_{33}$, ~~or~~ and $C_{18}H_{37}$, and two or more Rs are said hydrophobic group.

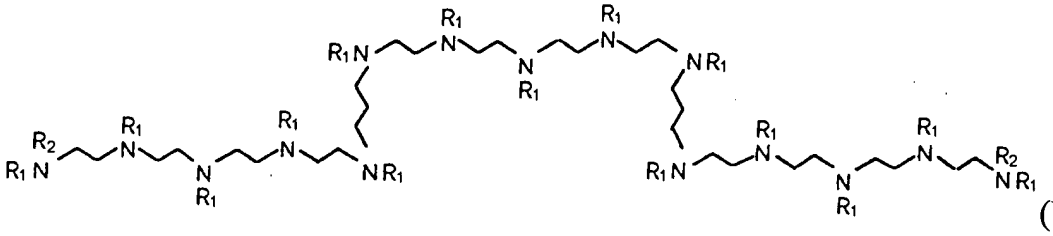
52. (Currently Amended) A composition comprising a polyethylenimine or a salt thereof, wherein said polyethylenimine has a repeat unit represented by formula (V), and the average molecular weight of said polyethylenimine is about 1800 Da:



(V)

wherein R represents hydrogen or $C_{16}H_{33}$, and two or more Rs are $C_{16}H_{33}$.

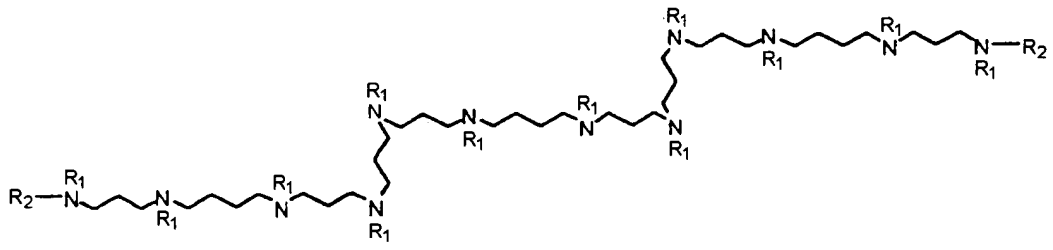
53. (Previously Presented) A composition comprising a polyethylenimine or a salt thereof, wherein said polyethylenimine is represented by formula (VI):



(VI)

wherein R_1 represents hydrogen or a tosyl group; and R_2 represents $C_{16}H_{33}$, $C_{12}H_{25}$ or C_8H_{17}.

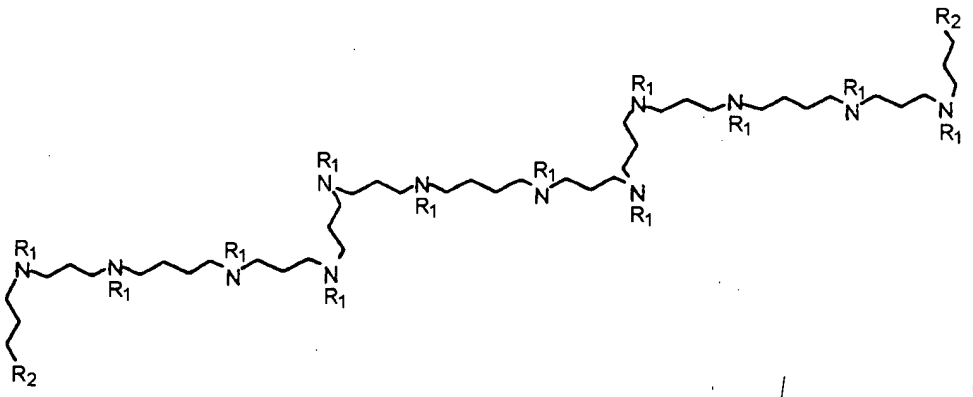
54. (Previously Presented) A composition comprising a polyethylenimine or a salt thereof, wherein said polyethylenimine is represented by formula (VII):



(VII)

wherein R_1 represents hydrogen or a tosyl group; and R_2 represents $C_{16}H_{33}$, $C_{12}H_{25}$, C_8H_{17}, or C_4H_9.

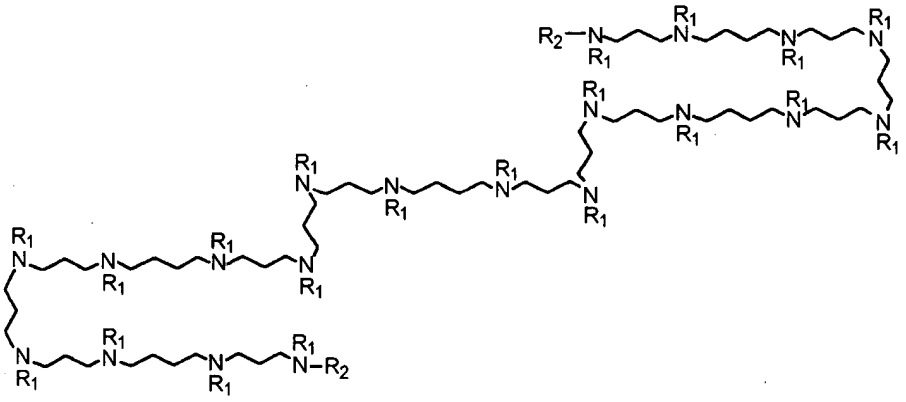
55. (Previously Presented) A composition comprising a polyethylenimine or a salt thereof, wherein said polyethylenimine is represented by formula (VIII):



(VIII)

wherein R_1 represents hydrogen or a tosyl group; and R_2 represents a hydroxyl group, bromide, or $(CH_3)_3C(CH_3)_2SiO$.

56. (Previously Presented) A composition comprising a polyethylenimine or a salt thereof, wherein said polyethylenimine is represented by formula (IX):



(IX)

wherein R_1 represents hydrogen or a tosyl group; and R_2 represents $C_{16}H_{33}$.

57. (Previously Presented) The composition of any one of Claims 51 to 56, further comprising a phospholipid.

58. (Previously Presented) The composition of Claim 57, wherein the phospholipid is a neutral or basic phospholipid.

59. (Previously Presented) The composition of Claim 58, wherein the phospholipid comprises a phosphatidylethanolamine or phosphatidylcholine skeleton.

60. (Previously Presented) The composition of Claim 58, wherein the phospholipid is a dioleylphosphatidylethanolamine or phosphatidylcholine.

61. (Previously Presented) A complex comprising a physiologically active substance comprising a negative charge and a composition of any one of Claims 51 to 56.

62. (Previously Presented) The complex of Claim 61, wherein the physiologically active substance comprising a negative charge is a nucleic acid or its derivative.

63. (Previously Presented) A method for introducing a physiologically active substance comprising a negative charge to a cell, said method comprising a step of contacting the complex of Claim 61 with said cell.

64. (New) A composition comprising a polyalkylenimine or a salt thereof, wherein said polyalkylenimine or said salt comprises (i) two or more tetraethylenepentamine or

spermine structures, and (ii) two or more hydrophobic groups, wherein said polyalkylenimine has a degree of alkylation of less than or equal to 24.5%.

65. (New) The composition of claim 64, wherein said polyalkylenimine or said salt comprises two or more tetraethylenepentamine structures.

66. (New) The composition of claim 64, wherein said polyalkylenimine or said salt comprises two or more spermine structures.

67. (New) The composition of claim 64, wherein the hydrophobic group is a cholesterol residue, a saturated or unsaturated alkyl group, a saturated or unsaturated acyl group, a saturated or unsaturated acyloxycarbonyl group, or a phospholipid residue.

68. (New) The composition of claim 64, wherein the hydrophobic group is an octyl group, a cetyl group, a stearyl group, or an oleyl group.

69. (New) The composition of claim 64, wherein the molecular weight of said polyalkylenimine or said salt is less than or equal to 1,000,000.

70. (New) The composition of claim 64, wherein the molecular weight of said polyalkylenimine or said salt is less than or equal to 500,000.

71. (New) The composition of claim 64, wherein the molecular weight of said polyalkylenimine or said salt is 500 to 100,000.

72. (New) The composition of claim 64, wherein two to five molecules of tetraethylenepentamine are linked in a linear manner.

73. (New) The composition of claim 64, wherein two to five molecules of spermine are linked in a linear manner.

74. (New) The composition of claim 64, further comprising a phospholipid.

75. (New) The composition of claim 74, wherein the phospholipid is a neutral or basic phospholipid.

76. (New) The composition of claim 74, wherein the phospholipid comprises a phosphatidylethanolamine or phosphatidylcholine skeleton.

77. (New) The composition of claim 74, wherein the phospholipid is a dioleylphosphatidylethanolamine or phosphatidylcholine.

78. (New) A complex comprising a physiologically active substance comprising a negative charge and the composition of claims 64.

79. (New) The complex of claim 78, wherein said physiologically active substance comprising a negative charge is a nucleic acid or its derivative.

80. (New) A method for introducing a physiologically active substance comprising a negative charge to a cell, said method comprising a step of contacting the complex of claim 78 with said cell.

81. (New) A kit for preparing the composition of claim 74, comprising (a) a phospholipid, and (b) a polyalkylenimine or a salt thereof, wherein said polyalkylenimine or said salt comprises (i) two or more tetraethylenepentamine or spermine structures, and (ii) two or more hydrophobic groups.